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WHITEFIELD
URBAN DISTRICT COUNCIL

R E P O R T

OF THE

Medical Officer of Health

AND

Sanitary Inspector

FOR THE YEAR 1949

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URBAN DISTRICT COUNCIL

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Medical Officer of Health

AND

Sanitary Inspector

F O R T H E Y E A R 1 9 4 9

Whitefield Urban District Council

Chairman of the Council—Councillor J. W. JONES, J.P.

PUBLIC HEALTH COMMITTEE, 1949.

Councillor H. HODGSON, Chairman.

„ J. W. JONES, J.P.
„ C. FARRAND, J.P.
„ C. E. KING.
„ E. LITHERLAND.
„ W. MUNDY.
„ H. MILLER.
„ J. MILEY.
„ T. F. RADFORD.
„ J. WALKER.
„ Mrs. C. M. WRAGBY.
„ W. M. WILLIAMS.

Clerk of the Council—

F. H. BUCKLEY.

Medical Officer of Health—

C. H. T. WADE, M.D., Ch.B., B.Sc., D.P.H.

Sanitary Inspector and Cleansing Superintendent—

B. HODGSON, C.S.I. (Lond.), M.S.I.A., A.M.Inst.P.C.

Clerk—

Miss B. SCATTERGOOD.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1949.

August, 1950.

To the Chairman and Members of the
Urban District Council of Whitefield.

Ladies and Gentlemen,

I have the honour to present the Annual Report for the year 1949 on the Health and Sanitary conditions of the district.

The live birth rate was 13.2 ^{and} ~~at~~ the adjusted ^{death.} ~~birth~~ rate 13.3 per thousand of the population, with an actual excess of 11 births over deaths.

The year has been without special incident except for two cases of typhoid fever and a large number of contacts associated with an outbreak in the City of Salford. No deaths occurred, cases and contacts were closely supervised, and there was no spread of the infection.

The most serious infectious disease to-day is tuberculosis. Six adults died from respiratory tuberculosis, and there were sixteen new cases; three of these were non-respiratory. Two samples of milk were found to contain tubercle-bacilli, and the warning is again repeated that all milk which has not been pasteurized (or heat treated) should be boiled before use.

Diphtheria has literally been abolished by immunisation. There has not been a death from diphtheria for ten years, and there has only been one mild case in the past three years. This does not mean that the danger of diphtheria is over; immunisation measures must be continued. Other infectious diseases have been mild in character, and no deaths occurred.

The water supply has continued to be satisfactory.

Fifty-one houses were completed during the year, five by private enterprise.

The number of applicants on the waiting list for Council houses on the 31st December, 1949, was reported to be 494. Fifty-eight houses are contemplated under the next scheme.

I am, Ladies and Gentlemen,

Your obedient Servant,

C. H. T. WADE,

Medical Officer of Health.

TABLE 1.—STATISTICAL SUMMARY.

Area—3,261 acres.

Population—Registrar General's estimate of :—
resident population mid 1949 13,000.

No. of inhabited houses, according to Rate Books at the end of 1949—4,295.

Rateable Value 1949—£78,964.

Sum represented by a penny rate 1948/49—£320.

TABLE II.—VITAL STATISTICS, 1949.

		Total	M.	F.	Birth-rate per 1,000 of the estimated resident population—13.2.
Live Births	Legitimate	167	89	78	
	Illegitimate ..	4	2	2	
	Total ..	171	91	80	
Still Births		6	4	2	Rate per 1,000 total (live and still) births—34.
Deaths (all ages)		160	88	72	Death rate per 1,000 of the estimated average population—12.3.

Adjusted death-rate—13.3 (comparability factor—1.08).

Deaths from Puerperal Causes :—

Puerperal Sepsis Nil.
Other Maternal causes Nil.

Deaths of infants under one year of age :—

	TOTAL.	MALE.	FEMALE.
Legitimate	4	3	1
Illegitimate	—	—	—
	<hr/>	<hr/>	<hr/>
TOTAL	4	3	1
	<hr/>	<hr/>	<hr/>

All infants per 1,000 live births 23

Legitimate infants per 1,000 legitimate live births 24

Illegitimate infants per 1,000 illegitimate live births —

Deaths from Cancer (all ages) 24

„ „ Measles (all ages) Nil.

„ „ Whooping-cough (all ages) Nil.

„ „ Diarrhoea (under 2 years of age) 1

Table III.—CAUSES OF DEATH DURING 1949.

	M.	F.
Tuberculosis of Respiratory System	5	1
Tuberculosis (Non-respiratory)	—	—
Acute Polioencephalitis	—	—
Diarrhoea (under 2 years)....	1	—
Diabetes	—	3
Syphilitic Disease	—	1
Cancer of breast	—	4
Cancer (stomach and duodenum)	2	—
Cancer (other sites)	11	7
Intra cranial vascular lesions	8	9
Heart Disease	26	27
Other circulatory diseases ..	2	—
Whooping Cough	—	—
Bronchitis	6	6
Pneumonia	5	1
Other respiratory diseases	3	—
Other digestive diseases	2	2
Appendicitis	—	—
Nephritis ..	2	—
Maternal causes (non-puerperal)	—	—
Premature birth	—	—
Congenital malformation, birth injuries	—	2
Road traffic accidents	2	1
Suicide	2	1
Other violent causes	3	1
All other causes	8	6
<hr/>		
All causes	88	72
<hr/>		
Total	160	

Sanitary Circumstances of the Area.

The water supply has been satisfactory both in quality and quantity throughout the year.

Eleven bacteriological examinations of the raw water have been made, and all were satisfactory.

Mr. R. Wyllie, Engineer, Irwell Valley Water Board, reports that 131 bacteriological samples of the water going into supply were examined during the year, and three were not wholly satisfactory. Thirty chemical samples of the water were examined and found satisfactory, apart from the fact that several were of unsatisfactory appearance.

Waters liable to have plumbo-solvent action are lime treated.

All waters are chlorinated.

4,200 houses are supplied direct from the public mains.

The only extensions of the supply during the year were to new property.

Section C.—Housing 1936 Act.

Full details of housing inspections and action under statutory powers are given in the Sanitary Inspector's report.

There were four cases of overcrowding reported during the year, but the standard of two persons per room is one which is so low that difficulties arise such as moral overcrowding in bedrooms.

No representations were made during the year in respect of unfit houses. Five Council houses were treated for infestation with bugs or beetles.

Milk Supply.

- (a) Licences.—The following Licences under the Milk (Special Designations) Order, 1936 to 1948, and from 1st October,

1949, The Milk (Special Designation) (Raw Milk) Regulations, 1949, have been issued :

Tuberculin Tested Milk	(1)	Bottling	Nil
	(2)	Distribution	7
Accredited Milk	(1)	Bottling	Nil
	(2)	Distribution	Nil
Pasteurised Milk	(1)	Bottling	Nil
	(2)	Retail Distributors	6

(b) Dairies, Milk Shops.—There are 20 Retail purveyors of Milk. Regular inspections of the premises were made during the year, and conditions were satisfactory.

(c) Farms.—There are 16 dairy farms in the district. All the farms in the district were inspected monthly with the view to cleanliness, lime-washing, and structural condition. The cleanliness of the cows and the milkers was also watched, together with the methods for sterilising the utensils, cooling, bottling, and sterilising the milk.

On September 30th this work was transferred by Act of Parliament to the Ministry of Agriculture and Fisheries.

(d) Samples.

(1) For tuberculous milk—32 samples—two found to contain tubercle bacilli.

(2) For bacterial content—54 samples—15 unsatisfactory.

(3) For efficient pasteurisation. Phosphatase Test—27 samples—24 satisfactory, 3 unsatisfactory. The two samples of tuberculous milk and the large proportion of unsatisfactory samples emphasise the need to boil all raw milk before use.

Meat Supply.

Routine inspection of meat in shops has continued. Details are given in the Sanitary Inspector's Report.

Ice-Cream.

There are in the area 21 premises registered for the sale of ice-cream. The number of samples taken during the year was 16; only 5 samples reached a satisfactory standard under the Provisional Grading Scheme.

In addition to the premises registered for the sale of this commodity there are quite a number of street vendors who come into the area, and the vehicles used by these people often leave much to be desired, and unfortunately control in this direction is negligible. One hopes that the day is not far distant when the sale of unwrapped ice-cream, particularly on the street, will be prohibited.

Bakehouses, Food Shops, Fish Fryers, and Meat Shops.

Routine inspections have been made of all the above premises throughout the year. Conditions were found to be satisfactory. Posters relating to the need for personal cleanliness when handling food have been circulated to all Food Shops.

Prevalence of, and Control Over, Infectious Disease.

The two cases of Typhoid Fever previously mentioned were of the Phage Type E., and belonged to the same type as the other cases in the Salford Outbreak.

There was a moderate incidence of Scarlet Fever, Measles, and Whooping Cough, and one mild case of Poliomyelitis without subsequent paralysis.

No cases of food poisoning were reported.

TABLE IV.

Disease	Corrected Total of notified cases	Cases admitted to Hospital	Deaths
Scarlet Fever	35	27	—
Diphtheria (including membranous croup)	—	—	—
Measles (excluding German Measles)	59	—	—
Whooping cough	26	—	—
Acute Pneumonia (Primary and Influenza)	9	1	—
Erysipelas	3	—	—
Acute Poliomyelitis	1	1	—
Dysentery	—	—	—
Typhoid Fever	2	2	—
Puerperal Pyrexia	1	1	—
Total number of cases	136	32	—

The following pathological and bacteriological examinations were made during 1949 :—

Diphtheria — 5.

Typhoid — 22.

TABLE V.—NOTIFIABLE DISEASES (other than Tuberculosis) DURING THE YEAR, 1949.

DISEASE.	Total cases at all Ages.	CASES NOTIFIED.											
		Under 1 yr.	YEARS.								65 and over		
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35		35-45	45-65
Scarlet Fever	35	—	2	—	6	—	18	6	2	1	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	59	—	7	8	6	18	19	1	—	—	—	—	—
Whooping Cough	26	—	5	6	7	7	1	—	—	—	—	—	—
Acute Pneumonia	9	1	—	—	—	—	3	1	—	—	2	2	—
Acute Poliomyelitis	1	—	—	—	—	—	1	—	—	—	—	—	—
Dysentery	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	3	—	—	—	—	—	—	—	—	—	—	2	1
Typhoid Fever	2	—	—	—	—	—	—	—	—	—	—	1	1
Puerperal Pyrexia	1	—	—	—	—	—	—	—	—	1	—	—	—
TOTALS	139	1	12	15	16	30	42	10	2	2	2	5	2

Figures show actual number of cases after correction of diagnosis.

TABLE VI.

Number of children who completed a full course of immunisation during the year 1949.

0—4 years	5—14 years	Total under 15 years	No. of Children receiving a Reinforcing injection
206	65	271	198

TABLE VII.

Immunisation in Relation to Child Population.

Number of children who had completed a full course of Immunisation at any time up to 31st December, 1949.

Age at 31-12-49 <i>i.e.</i> - Born in Year	Under 1 1949	1 1948	2 1947	3 1946	4 1945	5—9 1940- 1944	10—14 1935- 1939	Total under 15
Number Immunised	133	125	192	158	134	890	709	2,341
Estimated Mid-Year Population 1949			1,124			1,696		2,820

Percentage of children Immunised: 0—5 years—66%

5—15 years—94%

Total under 15 years of age—83%.

Children treated privately are included from 5th July, 1948.

TABLE VIII.

DIPHTHERIA.

Year.	No. of Cases.	No. of Deaths.
1933	17	1
1934	11	Nil.
1935	14	Nil.
1936	17	2
1937	14	1
1938	51	2
1939	32	1
*1940	6	1
1941	3	Nil.
1942	Nil.	Nil.
1943	Nil.	Nil.
1944	4	Nil.
1945	5	Nil.
1946	Nil.	Nil.
1947	1	Nil.
1948	Nil.	Nil.
1949	Nil.	Nil.

* Immunisation Scheme started May, 1940.

TUBERCULOSIS.

TABLE IX.
NEW CASES AND MORTALITY DURING 1949.

Age Periods		NEW CASES				DEATHS			
		Resp't'y		non-Resp't'ry		Resp't'y		non-Resp't'ry	
		M.	F.	M.	F.	M.	F.	M.	F.
Years	0—1	—	—	—	—	—	—	—	—
„	1—5	—	1	—	—	—	—	—	—
„	5—10....	—	—	1	—	—	—	—	—
„	10—15....	—	—	—	—	—	—	—	—
„	15—20....	—	—	1	—	—	—	—	—
„	20—25....	—	2	—	—	—	—	—	—
„	25—35....	2	3	—	—	1	—	—	—
„	35—45....	—	—	—	—	—	—	—	—
„	45—55....	3	—	—	—	2	1	—	—
„	55—65....	2	—	1	—	2	—	—	—
„	65 & upwards....	—	—	—	—	—	—	—	—
TOTALS		7	6	3	—	5	1	—	—
		13		3		6		—	

National Assistance Act, 1948—Section 47.

Provision is made here for the removal to suitable premises of persons in need of care and attention who are living in insanitary conditions and who are unable to obtain proper care and attention. No action was necessary during the year.

Administration of the Factories Act, 1937.

Inspections in regard to general hygiene, sanitary accommodation, and means of escape in case of fire, have been carried out. Close co-operation is maintained with H.M. Inspector of Factories. Details of the inspections are given in the Sanitary Inspector's Report. A report given under Section 128 of the Factories Act, 1937, is appended.

1.—**INSPECTIONS** for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of			M/c line No. (7)
			Inspections (4)	Written notices (5)	Occupiers prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	9	10	—	None	1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	60	12	6	None	2
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises)	3	—	—	—	—	3
TOTAL		69	22	6	None	—

2.—CASES IN WHICH DEFECTS WERE FOUND

Particulars (1)	M/c line No. (2)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (7)	M/c line No. (8)
		Found (3)	Remedied (4)	To H.M. Inspector (5)	Referred By H.M. Inspector (6)		
Want of cleanliness (S.1.)	4	1	1		1	—	4
Overcrowding (S.2.)	5					—	5
Unreasonable temperature (S.3.) ...	6	—	—			—	6
Inadequate ventilation (S.4.)	7	—	—			—	7
Ineffective drainage of floors (S.6.) ...	8	—	—			—	8
Sanitary Conveniences (S.7.)	9						
(a) Insufficient	9	1	1			—	9
(b) Unsuitable or defective	10	5	4		5	—	10
(c) Not separate for sexes ...	11					—	11
Other offences against the Act (not including offences relating to Out- work)	12	—	—	—		—	12
TOTAL ...	60	7	6	—	6	—	60

**Sanitary Circumstances of the Urban District of
Whitefield.**

Public Health Department,
Town Hall,
Whitefield,

August, 1950.

To the Chairman and Members of the Urban District
Council of Whitefield.

Mr. Chairman and Members,

I have pleasure in presenting for your consideration my 21st Annual Report on the Sanitary Circumstances of the district for the year ended 31st December, 1949.

During the period under review 1,877 premises have been visited, 412 defects or nuisances were found, and 432 abated.

206 Informal Notices and 3 Statutory Notices were served.

The sanitary accommodation in the district is practically all on water carriage system, with the exception of the houses in the Hillock area, this area being far from ideal, there being no proper system of drainage, and the majority of privy middens being of the open type.

Considerable attention was paid during the year to the supervision of all premises where food was prepared or sold. Many improvements were carried out, including the installation of hot water heaters. The need for greater personal hygiene was stressed, and with the installation of hot water there should be no difficulty in this being achieved.

May I express to the Chairman and members of the Public Health Committee, Clerk to the Council, Medical Officer of Health, and staff in general, my appreciation of the valued assistance and co-operation shown to me during the year.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

B. HODGSON,

Sanitary Inspector and Cleansing Superintendent.

SUMMARY OF INSPECTIONS.

Complaints	....	....	....	....	107
Bakehouses	....	....	....	....	31
Dairies and Cowsheds	....	....	....	....	104
Knackers Yards	....	....	....	....	39
Food Shops and Street Vendors	....	....	....	....	89
Factories Re Smoke	....	....	....	....	30
Smoke Observations	....	....	....	....	21
Factories	....	....	....	....	22
Outworkers	....	....	....	....	7
Fried Fish Shops	....	....	....	....	5

DWELLING HOUSES :

Public Health Acts	....	....	....	....	199
Housing Acts	....	....	....	....	4
Infectious Diseases	....	....	....	....	32
Council Houses	....	....	....	....	119

REVISITS—DWELLING HOUSES :

Public Health Acts	....	....	....	....	227
Housing Acts	....	....	....	....	61
Infectious Diseases	....	....	....	....	86
Council Houses	....	....	....	....	9

DRAINS :

New Buildings	....	....	....	....	18
Old Buildings	....	....	....	....	55

WORK IN PROGRESS :

Public Health Acts	....	....	....	....	76
Housing Acts	....	....	....	....	18
Piggeries and Stables	....	....	....	....	22

Rodent Control	....	....	....	22
Builders Owners and Agents Interviewed	....			26
Farmers and Dairymen Interviewed				16
Ice Cream Premises	...	....	...	39
Shops Acts	..	..	....	154
Cleansing Visits		...	...	70
Miscellaneous	...	....	.	122
Housing Tenancy	.	..	..	47

SANITARY IMPROVEMENTS EFFECTED.

INTERIOR OF HOUSES.	1946.	1947.	1948.	1949.
Stairs repaired	—	—	4	—
Ceiling and Walls replastered ..	24	28	92	19
New Skirting Boards fixed	—	—	2	—
Floor repaired or renewed	2	15	38	5
Dampness Abated	16	13	43	9
Windows Repaired or Renewed ..	5	9	44	7
New Sinks fixed	1	4	16	3
Sink Waste Pipes renewed or repaired ..	3	2	6	1
Ventilation Improved	3	—	10	2
Fire Ranges Repaired	—	—	12	2
Door renewed or repaired	1	—	15	2
Handrails fixed	—	2	9	2
Washing Boilers renewed or repaired ..	1	2	5	1
Houses Cleansed	3	3	3	1
Brickwork Repaired	3	—	6	4
Adequate Water Supply Provided ..	—	2	—	26
Cisterns Renewed	—	—	3	—
EXTERIOR OF HOUSES.				
Damp Course Inserted	—	—	2	—
Roofs Repaired	11	18	22	10
Walls Repointed	8	12	25	6
Chimneys Repaired or Rebuilt ..	1	11	23	3
Eaves Gutters Renewed or Repaired ..	8	14	24	7
Yards Repaired or Re-paved	13	5	8	3
Rainwater Pipes Renewed	8	3	13	5
Rainwater Pipes Disconnected from drains	1	2	3	1
Brickwork Repaired	5	3	10	4
Walls rebuilt	1	—	5	1
Yard Walls repaired	2	4	5	2
Coal Stores rebuilt	3	—	—	—
New Cills Fixed	—	—	1	—
Paths relaid	—	—	4	16
Slate hangings repaired	—	—	1	1

	1945.	1946.	1947.	1948.	1949.
DRAINAGE.					
Drains cleansed	16	15	13	13	8
Drains repaired	7	5	6	3	4
Drains reconstructed	—	2	6	—	6
New Glazed Gullies fixed	2	4	—	—	10
Inspection Chambers provided	—	3	2	—	—
Intercepting Traps Fixed	—	2	—	—	—
Ventilating Shafts Repaired	—	—	6	7	—
Inspection Chambers Repaired	—	—	—	—	2
SANITARY CONVENIENCES.					
W.C. Fittings Renewed or Repaired	5	2	4	3	2
W.C. Structures repaired or rebuilt	1	2	8	7	5
W.C. Service Pipes repaired	7	3	8	6	4
Pail Closets provided in lieu of privy closets	—	1	3	1	—
Rochdale Pails renewed	—	2	2	2	3
Additional Closets provided	—	3	—	5	6
Waste Water Closets converted to fresh water closets	—	—	—	2	3
W.C. Pedestals renewed	—	—	—	4	—
Waste Water Closets repaired	—	—	—	2	—
Privy Middens Repaired	—	—	—	1	—
ACCOMMODATION FOR HOUSE REFUSE.					
Dust Bins renewed	128	278	271	239	232
Dust Bins provided in lieu of Privy Middens	—	1	3	—	—
Disused Ashpits abolished	3	7	1	2	—
Bin Sheds Repaired	1	—	—	—	—
Dust Bins provided in lieu of ashpits	—	—	2	—	—
Miscellaneous	3	4	3	—	3
Accumulations removed	3	2	1	1	5

Housing of the Working Classes.

During the period under review no representations were made by the Medical Officer of Health in respect of unfit houses, nevertheless there are many houses in the area which are unfit for human habitation, but due to circumstances beyond control, the Council are still unable to deal with them.

Four cases of overcrowding were discovered during the period under review, in three of the cases overcrowding was caused by taking married relatives into the household. One case was relieved during the year.

Disinfection and Eradication of Bed Bugs and Insect Pests.

The following is a summary of work which has been carried out :—

Number of houses found to be infected :

A. Council Houses	5
B. Other Houses	—
Houses Treated	5

The work of disinfestation was carried out by contractor.

INSPECTION AND SUPERVISION OF THE FOOD SUPPLY.

The duties appertaining to the supervision of the food supply have received careful attention throughout the year. It will be seen from the tabulated list of inspection that of 1,877 inspections carried out 286 were to premises where food was prepared or sold.

Milk Supply.

The production of the milk supply from the 16 dairy farms in the area was controlled by the Local Authority until 30th September, when the duties were transferred to the Ministry of Agriculture. Frequent inspections were carried out at all farm and dairy premises.

Much time was devoted by your Sanitary Inspector to the taking of samples for bacteriological examination. Fifty-four samples were taken, the result of which are given on the following table.

Of the 54 samples taken 15 were found not to satisfy the tests applied. I am convinced that by the carrying out of frequent inspections of farm premises along with the regular taking of samples, a satisfactory milk supply can be achieved. It is hoped with the transfer of duties from the Local Authority that the inspection of farm premises will receive the attention required.

Food and Drugs Act, 1938.

The provision of the above Act relating to the sampling of food for quality are administered by the Lancashire County Council.

I am indebted to Dr. F. Hall, County Medical Officer of Health, for the following summary of works carried out in this district :—

SAMPLES TAKEN.

A total of 63 samples was obtained ; 42 of milk and the 21 others comprised :—

4 Cocoa.	1 Rhubarb, canned.
4 Glycerin.	1 Grapes, canned.
2 Cornflour.	1 Cherries, canned.
2 Borax.	1 Golden Plums, canned.
1 Salad Dressing.	1 Boracic Powder.
2 Salad Cream.	1 "Vinecta" Tonic.

All the above samples were certified by the County Analyst to be genuine with the exception of the following :

SAMPLE.	RESULT OF ANALYSIS.	ACTION TAKEN.
1 salad cream.	Deficient of at least 9·6% of edible vegetable oil.	Packers notified.
1 formal milk.	Deficient 5·6% solids-not-fat. Freezing point indicated 5% of extraneous water.	Same Vendor. Prosecution. Vendor fined
1 formal milk.	Deficient 1·8% solids-not-fat. Freezing point indicated 0·6% of extraneous water.	
		£5, plus £7 6s. 6d. costs.

Ice-Cream.

Twenty-one premises are registered for the sale of ice-cream, an increase of five over last year.

Sixteen samples were taken and submitted for examination, the results of such examinations were as follows :—

4	Provisional	....	Grade	1
1	,,	....	,,	2
5	,,	....	,,	3
6	,,	....	,,	4

It will be observed from the above that of the samples taken only five could be classed as satisfactory. It will, therefore, be appreciated the need for strict supervision in the production,

and storage, of this important and popular article of diet. It must, of course, be realised that grading is provisional and not statutory.

With the increase in the popularity of ice-cream so there is an increase in the number of persons desirous of selling. I have found that in one or two instances persons had contracted to purchase a conservor being ignorant of the fact that it is necessary that the Local Authority should be consulted.

Meat and Other Foods.

The following unsound foods were condemned, and surrendered from shops in the area :—

26 bars of Chocolate.

63 tins of Evaporated Milk.

2½ lbs. of Bacon.

26 lbs. of Cheese.

Knackers Yard.

Frequent visits have been made to the premises, which have been found to be maintained in a satisfactory condition.

Sanitary Accommodation.

The following table gives details of sanitary accommodation in the area on the 31st December, 1949 :—

Fresh Water Closets	4195	Dust Bins	4422
Privy Closets	45	Waste Water Closets	112
Pail Closets	46	Privy Middens	2

The following conversions were carried out during the year :

3 Waste water closets to fresh water closets.

FACTORIES ACT, 1937.

Factories (Mechanical and Non-Mechanical).

Twenty-two inspections were made to Factory premises during the year.

Six complaints were received from H.M. Inspector of Factories during the period under review, which received attention on the owners' notice being drawn to them.

REGISTER OF FACTORIES.

Bleachers, Dyers and Finishers	....	4
Bakehouses	....	13
Confectioners	....	2
Gas Appliances	....	1
Towel and Tape Weaving	....	4
Joiners and Builders	....	11
Plumbers	....	4
Cycle Repairs	....	1
Dry Cleaners	....	1
Plastics	....	1
Plaster Casts	....	1
Electrical Repairs	....	1
Blacksmiths	....	1
Engineers	....	1
Weaving	....	4
Printers	....	2
Furniture Manufacturers, etc.	....	4
Spot Welding	....	1
Motor Engineers	....	4
Tailors	....	2
Rubber Works	....	1
Boot Repairers, etc.	....	5

Bakehouses.

Thirty-one inspections were made to the 13 bakehouses in the area, which were found to be maintained satisfactorily.

Factory Act, 1937, Section 34. Means of Escape in Case of Fire.

Two certificates under section 34, Factories Act, 1937, were issued during the year.

Outworkers.

Notices were received in respect of seven outworkers whose premises were visited and found satisfactory.

Smoke Abatement.

During the period under review more attention was devoted to the question of smoke abatement. 21 timed observations were taken; in two instances it was found necessary to serve statutory notices calling for the abatement of the nuisance.

Many visits were made to factories in the area, and discussions have taken place with works managers, engineers, and boiler firemen on the need for the reduction of smoke emissions.

In several instances the inferior quality of fuel has been the reason put forward for excess emissions, and I feel this is true in some cases. Nevertheless I feel that if more care was exercised in the boiler houses we should have a clearer atmosphere.

Rats and Mice (Destruction) Order 1919.

Infestation Order, 1943.

The work in connection with Rodent Control has received full attention by the Department during the period under review. There are two employees trained in the recognised technique of the Ministry of Agriculture, and their services are available for dealing with infestations and giving advice.

The work of maintenance treatment of sewers was carried out twice during the year.

First Treatment.

The number of manholes baited—497, with the following result :—

Complete poison takes 16 manholes.

Partial poison takes 246 manholes.

No takes from 235 manholes.

Second Treatment.

The number of manholes baited—501, with the following result :—

Complete poison takes 0 manholes.

Partial poison takes 237 manholes.

No takes from 264 manholes.

Whitefield forms part of Workable Area Committee No. 15, and your representatives on such Committee were Councillor H. Miller and your Sanitary Inspector. Your Sanitary Inspector is also a member of the Manchester Regional Rodent Consultative Committee.

Rag Flock Act.

The number of premises in the area from which rag flock is manufactured or sold is one.

No samples were taken during the year.

Petrol Licences.

During the year 16 licences were renewed.

PUBLIC CLEANSING.

Service.

The subject matter in this section of the report deals with the financial year ending 31st March, 1950, as distinct from the rest of the report, which is for the year ending 31st December, 1949.

Refuse Collection.

The collection of domestic and trade refuse salvage and kitchen waste is carried out by direct labour. The permanent staff is comprised of seven loaders and three drivers.

The staff are provided with two sets of overalls each year, and gloves and waterproofs as required.

Transport is effected by :

- 1—Ten cubic yard Freighter,
- 1—Nine cubic yard Fordson Jekta,
- 1—Two cubic yard electric Vehicle.

The Fordson Jekta was put in commission in November to replace the 10 cubic yard freighter purchased in December, 1937.

The electric vehicle was purchased and put in commission in September, and is used for the collection of Kitchen Waste.

It has been difficult to maintain what could be considered an efficient service, this being due to several factors beyond the control of the department, one being the insufficiency and changes in staff, as rarely has the staff been up to full strength, also the quality of household fuel has been such as to give a heavy ash content resulting in an increase in weight of refuse to be collected.

Kitchen waste is collected separately, and delivered to the Bury Corporation Cleansing Department under the direction of the Board of Trade. 154 Tons was disposed of in this manner.

The condition of communal Kitchen Waste bins has from time to time given cause for concern, and during the year were brought in periodically for cleansing. Improvement in this service has been carried out during the year by the provision of approximately 500 individual kitchen waste containers, which has resulted in the removal from our streets of some of the communal bins. It is hoped to extend this service further.

Refuse Disposal.

There has been no change in the method of refuse disposal from that of the previous years. The staff engaged on this work is three, one of whom is totally employed on baling waste paper.

Salvage.

The work of salvage collection has been maintained, but due to reduction in the price for salvage materials, the revenue received is below what was anticipated when the estimates were made.

Concentrate.

The amount of concentrate sold during the period under review was 49 tons.

REVENUE FROM SALES OF RESIDUALS.

	T.	c.	qr.	lbs.		£	s.	d.
Baled Waste Paper	117	7	1	9	.	603	8	4
Rags 	1	17	2	19		37	13	3
Woollens 	—	2	—	12		7	17	11
Bottles 	18	10	2	—	...	41	7	6
Lead 	—	—	2	16	...	1	18	2
Aluminium 	—	—	3	10	...	0	5	6
Scrap Iron 	1	17	2	—	...	4	13	9
Cartons 	—	—	—	—	...	1	8	8
String 	—	1	2	—	...	0	9	6
Kitchen Waste 	154	5	—	—	...	392	3	10
						£1091	6	5

COST OF COLLECTION.

	£	s.	d.
Wages 	1714	3	6
Motor Transport 	806	16	3
Overalls, Gloves, Etc. 	60	14	7
Materials, Tools 	1	6	4
Repairs 	1	15	6
Miscellaneous 	3	14	9
	£2588	10	11

COST OF DISPOSAL.

	£	s.	d.
Wages	1034	15	5
Motor Transport	949	4	10
Overalls, Gloves, Etc.	19	10	2
Waste Food Bins	245	17	6
Materials and Tools	2	6	1
Repairs to Buildings	23	11	8
Concentrate	278	1	11
Screens	16	10	1
Insecticides	29	16	5
Baling Wire	19	15	0
Miscellaneous	6	2	5
	<u>£2625</u>	<u>11</u>	<u>6</u>
GROSS COST	2625	11	6
RECEIPTS—Sale of Salvage	1091	6	5
RECEIPTS—Sale of Concentrate	314	15	5
	<u>£1219</u>	<u>9</u>	<u>8</u>

	ACTUAL EXPENDITURE.			ESTIMATED EXPENDITURE.		
	£	s.	d.	£	s.	d.
Collection	2588	10	11	2948	0	0
Disposal	1219	9	8	720	0	0
	<u>£3808</u>	<u>0</u>	<u>7</u>	<u>£3668</u>	<u>0</u>	<u>0</u>

EXPENDITURE OVER ESTIMATED — £140 0s. 7d.

	COLLECTION.			DISPOSAL.		
	£	s.	d.	£	s.	d.
Net Cost per 1,000 population	198	13	2	92	16	5
Net Cost per 1,000 houses	604	10	4	282	9	2

Date	Ref. No.	Methylene Blue Test. Hours before decolourisation. satisfactory	Coliform Test No. of Tubes in which Coliform Baccillus present	Phosphatase Test	Remarks.
25/1/49	1/S	5½ hours	Satisfactory	—	Produced Locally.
25/1/49	2/S	5½ hours	Satisfactory	—	Produced Locally.
25/1/49	3/ST	½ hour	—	Satisfactory	Heat-Treated.
25/1/49	4/PC	5½ hours	Satisfactory	—	Produced outside the district Tuber culin Tested.
25/1/49	5/PC	½ hour	—	—	Sterilised.
25/1/49	6/DS	5½ hours	3 Tubes	—	Produced outside the district Tuber culin Tested.
25/1/49	7/DS	5½ hours	Satisfactory	—	Produced Locally (ungraded).
25/1/49	8/K	5½ hours	Satisfactory	—	Produced Locally (ungraded).
25/1/49	9/PC	½ hour	—	Satisfactory	Heat-Treated.
25/1/49	10/DS	5½ hours	Satisfactory	—	Produced Locally (ungraded).
23/3/49	11/L	1½ hours	Satisfactory	—	Produced Locally (ungraded).
23/3/49	12/PW	½ hour	—	Satisfactory	Pasteurised.
23/3/49	13/PW	5½ hours	3 Tubes	—	Produced outside the district Tuber culin Tested.
23/3/49	14/IM	5½ hours	Satisfactory	—	Produced Locally (ungraded).
23/3/49	15/B	½ hour	—	Satisfactory	Heat-Treated.
23/3/49	16/V	½ hour	—	Satisfactory	Pasteurised.
23/3/49	17/F	½ hour	—	Satisfactory	Pasteurised.
23/3/49	18/F	½ hour	—	—	Sterilised.
23/3/49	19/H	1 hour	3 Tubes	—	Produced Locally (ungraded).
23/3/49	20/C	2 hours	3 Tubes	—	Produced Locally (ungraded).
28/4/49	21/K	5½ hours	Satisfactory	—	Produced Locally (ungraded).
28/4/49	22/PC	½ hour	—	—	Sterilised.
28/4/49	23/PC	½ hour	—	Satisfactory	T.T. Pasteurised.
28/4/49	24/PC	½ hour	—	Satisfactory	Pasteurised.
28/4/49	25/PW	2 hours	3 Tubes	—	Tuberculin Tested.
28/4/49	26/J	½ hour	—	Satisfactory	Heat Treated.

Date	Ref. No.	Methylene Blue Test. Hours before decolourisation. satisfactory	Coliform Test No. of Tubes in which Coliform Baccillus present	Phosphatase Test	Remarks.
28/4/49	27/C	2 hours	3 Tubes	—	Produced Locally (ungraded).
28/4/49	28/H	2 hours	3 Tubes	—	Produced Locally (ungraded).
28/4/49	29/S	5½ hours	3 Tubes	—	Produced Locally (ungraded).
19/5/49	30/H	½ hour	—	Satisfactory	T.T. Pasteurised.
19/5/49	31/DS	4½ hours	3 Tubes	—	Tuberculin Tested.
19/5/49	32/JS	4½ hours	3 Tubes	—	Tuberculin Tested.
19/5/49	33/B	4½ hours	3 Tubes	—	Tuberculin Tested.
19/5/49	34/HF	4½ hours	3 Tubes	—	Tuberculin Tested.
30/5/49	35/PC	½ hour	—	Satisfactory	Pasteurised.
12/10/49	36/LN	4½ hours	—	—	Produced Locally (ungraded).
12/10/49	37/DS	½ hour	—	Satisfactory	T.T. Pasteurised.
12/10/49	38/DS	3 hours	—	—	Produced outside the district (ungraded).
12/10/49	39/DS	4 hours	—	—	Produced outside the district (ungraded).
12/10/49	40/DS	½ hour	—	Satisfactory	T.T. Pasteurised.
12/10/49	41/B	½ hour	—	Satisfactory	Heat Treated.
12/10/49	42/B	hour	—	Satisfactory	T.T. Pasteurised.
12/10/49	43/F	hour	—	Satisfactory	T.T. Pasteurised.
12/10/49	44/LH	hour	—	Unsatisfactory	Heat Treated.
12/10/49	45/J	hour	—	Unsatisfactory	Heat Treated.
12/10/49	46/PC	hour	—	Unsatisfactory	T.T. Pasteurised.
12/10/49	47/PC	hour	—	Satisfactory	Pasteurised.
6/12/49	48/LH	hour	—	Satisfactory	T.T. Pasteurised.
6/12/49	49/ST	hour	—	Satisfactory	Pasteurised.
6/12/49	50/ST	hour	—	Satisfactory	T.T. Pasteurised.
6/12/49	51/DS	5½ hours	—	—	Produced Locally (ungraded).
6/12/49	52/DS	5½ hours	—	—	Produced outside the district (ungraded).
6/12/49	53/LH	½ hour	—	Satisfactory	Pasteurised.
6/12/49	54/EG	5½ hours	—	—	Produced Locally (ungraded).

